

Datasheet for ABIN5525220 **PCK1 ELISA Kit**



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1 Image

Overview

Quantity: 96 tests

Target: PCK1

Reactivity: Human

Method Type: Sandwich ELISA

Detection Range: 0.156 ng/mL - 10 ng/mL

Minimum Detection Limit: 0.156 ng/mL

Application: ELISA

Product Details

Purpose: For quantitative detection of PCK1 in serum, plasma, tissue homogenates.

Sample Type: Plasma, Serum, Tissue Homogenate

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: This assay has high sensitivity and excellent specificity for detection of PCK1. No significant cross-reactivity or interference between PCK1 and analogues was observed. Note: Limited by current skills and knowledge, it is difficult for us to complete the cross-reactivity detection between PCK1 and all the analogues, therefore, cross reaction may still exist.

Sensitivity: 0.094 ng/mL

Components:

- ELISA Microplate
- Lyophilized Standard
- Sample / Standard Dilution Buffer

Product Details

- Biotin-labeled Antibody (Concentrated)
- Antibody Dilution Buffer
- HRP-Streptavidin Conjugate(SABC)
- SABC Dilution Buffer
- TMB Substrate
- Stop Solution
- Wash Buffer (25X)
- Plate Sealer
- Product Description

Target Details

Target:	PCK1
Alternative Name:	PCK1 (PCK1 Products)
Background:	PCK1(Phosphoenolpyruvate Carboxykinase 1)/PEPCK1/PEPCK-C/PEPCKC/PEPCK-CPEP carboxykinase/phosphoenolpyruvate carboxykinase 1(soluble)/phosphoenolpyruvate carboxykinase, cytosolic/phosphoenolpyruvate carboxykinase, cytosolic [GTP]/Phosphoenolpyruvate carbo
UniProt:	P35558
Pathways:	Positive Regulation of Peptide Hormone Secretion, Carbohydrate Homeostasis

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Sandwich ELISA, Double Antibody
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	4 °C
Storage Comment:	1. For unopened kit: All the reagents should be kept according to the labels on vials. The Reference Standard and the 96-well stripe plate should be stored at -20 °C upon receipt while

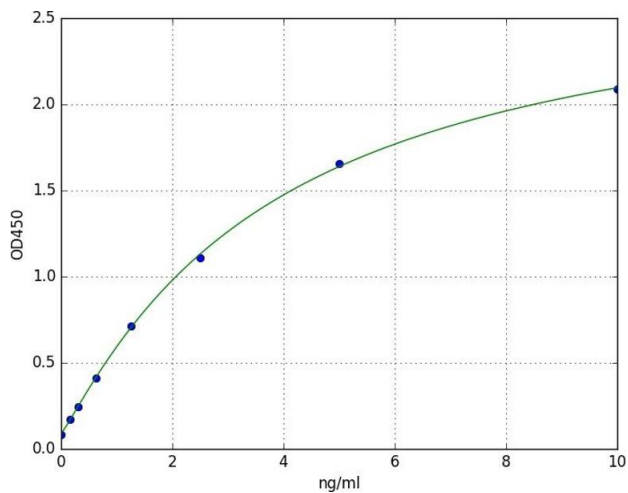
Handling

the other reagents should be stored at 4 °C.

2. For used kit: When the kit is used, the remaining reagents need to be stored according to the above storage condition. Besides, please return the unused wells to the foil pouch containing the desiccant pack, and zip-seal the foil pouch.

Expiry Date: 6 months

Images



ELISA

Image 1. A typical standard curve